

GANESH TAWDE

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Data and automation-focused professional with experience across banking, analytics, and operations. Strong background in Python, SQL, dashboards, ETL pipelines, and agentic workflows, delivering data-driven insights across complex business environments.

SKILLS

Python, SQL, JavaScript, HTML, CSS, VBA, Data Processing, Machine Learning (Supervised, Unsupervised), Time Series Analysis, Generative AI, OpenAI APIs, Agentic Workflows, n8n, Process Automation, ETL Pipelines, API Integrations, CI/CD, SDLC, UAT, GCP, Snowflake, Databricks, AWS, Tableau, Power BI, Excel, JIRA, Monday.com, Stakeholder Management, Product Development Lifecycle (PDLC), Journey Mapping, Data Validation and Reporting Automation

EDUCATION

Master of Science in Data Analytics, Queen Mary University of London

Grade: Distinction

Diploma in Data Science, Indian Institute of Technology Madras

Grade: Merit

Bachelor of Engineering in Information Technology, University of Mumbai

Grade: Distinction

EXPERIENCE

Operations Team Leader (Analytics)

Apr 2025 – Present

at

London, UK

- Implemented agentic workflows using n8n to automate sales ingestion, KPI calculation, and reporting pipelines, reducing manual operational work by 65 percent.
- Developed Python- and Excel-based data pipelines to clean, structure, and analyse POS data, identifying pricing and product bundling opportunities that increased average basket value by 14 percent.
- Created Tableau dashboards tracking conversion rate, peak trading periods, and SKU performance to support data-driven promotional and staffing decisions.
- Performed campaign and collaboration analysis for marketing initiatives, assessing ROI and performance to determine which partnerships and promotions to scale.
- Delivered concise analytical insights to senior stakeholders, enabling faster decision-making across product launches, promotions, and operational planning.

Operations Team Leader (Analytics)

Feb 2024 – Mar 2025

GAIL's

London, UK

- Designed automation-driven process improvements that replaced manual tracking with structured, repeatable analytical workflows, reducing reporting effort by 45 percent.
- Built performance analysis frameworks to monitor store-level variability, demand patterns, and operational trends, improving prioritisation of improvement areas.
- Defined and tracked KPIs, enabling leadership to monitor performance trends and focus improvement efforts.
- Produced standardized KPI dashboards consolidating sales, trend analysis, and operational signals for weekly leadership review.
- Applied data analysis techniques to identify inefficiencies and performance gaps, contributing to measurable improvements in operational consistency.

Software Engineer

Oct 2021 – Aug 2023

Tata Consultancy Services Limited

Mumbai, IN

- Developed and enhanced core services for State Bank of India's internal digital banking platform, supporting customer onboarding, account access, and financial reporting.
- Designed and implemented Python- and SQL-based services for authentication workflows, balance retrieval, and statement generation.
- Built and maintained ETL pipelines to ingest, validate, and transform customer and transactional data across banking systems.
- Translated business and regulatory requirements into technical deliverables, coordinating with QA and UAT teams using JIRA and Confluence.
- Supported release activities across UAT and Production environments, including deployment coordination and post-release validation through CI/CD pipelines.

Assistant Software Engineer

Mar 2021 – Sep 2021

Tata Consultancy Services Limited

Mumbai, IN

- Developed application modules for State Bank of India's internal banking systems using Python, SQL, HTML, CSS, and JavaScript.
- Implemented API-driven components supporting customer onboarding, KYC authentication, and document verification.
- Developed SQL queries and backend logic for account summaries, transaction views, and internal reports.
- Participated in testing cycles and UAT support, resolving defects prior to production releases.
- Delivered sprint-based development tasks within Agile workflows, contributing production-ready code to shared repositories.